

FULL LENGTH APO-A1 SEQUENCE

1
MKA AVLTLAVLFLTGSQARHFWQQDEPPQSPWDRVKDLATVYVD
VLKDSGRDYVSQFEGSALGKQLNLKLLDNWDSVTSTFSKLREQLGPVTQEFWDNLEKE
TEGLRQEMSKDLEEVKAKVQPYLDDFQKKWQEEMELYRQKVEPLRAELQEGARQKLHE
LQEKLSPLGEEMRDRARAHVDALRTHLAPYSDEL¹⁹⁴RQRLAARLEALKENG GARLA EYHA
KATEHLSTLSEKAKPALEDLRQGLLPVLESFKVSFLSALEEYTKKLNTQ²⁶⁷

sig_peptide 20..91
mature_protein 92..820

20 a tgaaagctgc ggtgctgacc ttggccgtgc tcttcctgac
61 ggggagccag gctcggcatt tctggcagca agatgaaccc cccagagcc cctgggatcg
121 agtgaaggac ctggccactg tgtacgtgga tgtgctcaaa gacagcggca gagactatgt
181 gtcccagttt gaaggctccg ccttgggaaa acagctaaac ctaaagctcc ttgacaactg
241 ggacagcgtg acctccacct tcagcaagct gcgcgaacag ctcggccctg tgacctcagga
301 gttctgggat aacctggaaa aggagacaga gggcctgagg caggagatga gcaaggatct
361 ggaggaggtg aaggccaagg tgcagcccta cctggacgac ttccagaaga agtggcagga
421 ggagatggag ctctaccgcc agaaggtgga gccgctgcgc gcagagctcc aagagggcgc
481 gcgccagaag ctgcacgagc tgcaagagaa gctgagccca ctgggcgagg agatgcgcga
541 ccgcgcgcgc gcccatgtgg acgcgctgcg cacgcatctg gcccctaca gcgacgagct
601 gcgccagcgc ttggccgcgc gccttgaggc tctcaaggag aacggcggcg ccagactggc
661 cgagtaccac gccaaaggcca ccgagcatct gagcacgctc agcgagaagg ccaagcccgc
721 gctcgaggac ctccgccaag gcctgctgcc cgtgctggag agcttcaagg tcagcttcct
781 gagcgtctc gaggagtaca ctaagaagct caacaccag

FIG. 1A

18K N-TERMINAL FRAGMENT

25
DEPPQSPWDRVKDLATVYVD
VLKDSGRDYVSQFEGSALGKQLNLKLLDNWDSVTSTFSKLREQLGPVTQEFWDNLEKE
TEGLRQEMSKDLEEVKAKVQPYLDDFQKKWQEEMELYRQKVEPLRAELQEGARQKLHE
LQEKLSPLGEEMRDRARAHVDALRTHLAPYSDEL¹⁹⁴

92 gatgaaccc cccagagcc cctgggatcg
121 agtgaaggac ctggccactg tgtacgtgga tgtgctcaaa gacagcggca gagactatgt
181 gtcccagttt gaaggctccg ccttgggaaa acagctaaac ctaaagctcc ttgacaactg
241 ggacagcgtg acctccacct tcagcaagct gcgcgaacag ctcggccctg tgacctcagga
301 gttctgggat aacctggaaa aggagacaga gggcctgagg caggagatga gcaaggatct
361 ggaggaggtg aaggccaagg tgcagcccta cctggacgac ttccagaaga agtggcagga
421 ggagatggag ctctaccgcc agaaggtgga gccgctgcgc gcagagctcc aagagggcgc
481 gcgccagaag ctgcacgagc tgcaagagaa gctgagccca ctgggcgagg agatgcgcga
541 ccgcgcgcgc gcccatgtgg acgcgctgcg cacgcatctg gccccctaca gcgacgagct
601 g

FIG. 1B

13K N-TERMINAL FRAGMENT

25

DEPPQSPWDRVKDLATVYVD

VLKDSGRDYVSQFEGSALGKQLNLKLLDNWDSVTSTFSKLREQLGPVTQEFWDNLEKE

TEGLRQEMSKDLEEVKAKVQPYLDDFQKKWQEEMELYRQKVE¹⁴⁴

92 gatgaaccc cccagagcc cctgggatcg

121 agtgaaggac ctggccactg tgtacgtgga tgtgctcaaa gacagcggca gagactatgt

181 gtcccagttt gaaggctccg ccttgggaaa acagctaaac ctaaagctcc ttgacaactg

241 ggacagcgtg acctccacct tcagcaagct gcgcgaacag ctcggccctg tgaccagga

301 gttctgggat aacctggaaa aggagacaga gggcctgagg caggagatga gcaaggatct

361 ggaggaggtg aaggccaagg tgcagcccta cctggacgac ttccagaaga agtggcagga

421 ggagatggag ctctaccgcc agaaggtgga g

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FIG. 1C

13K N-TERMINAL FRAGMENT

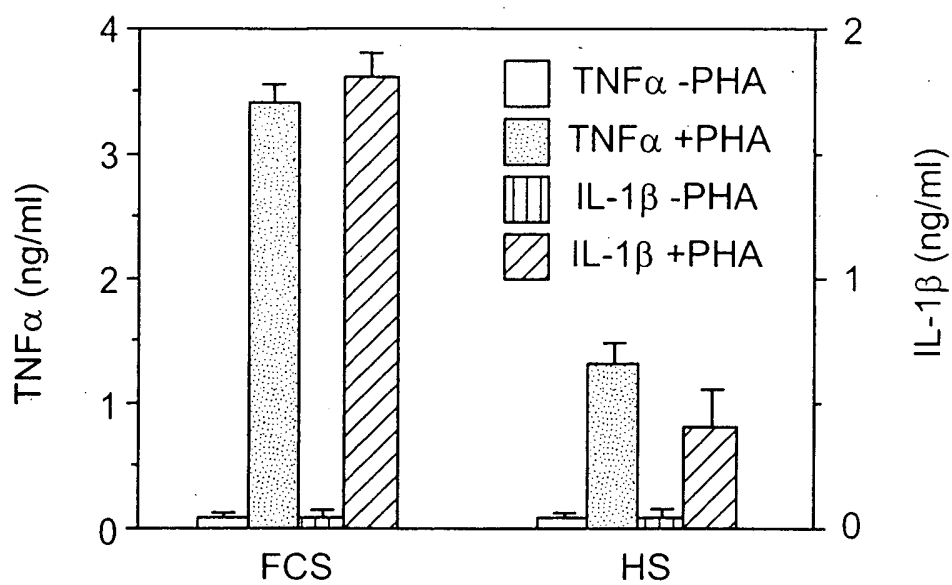
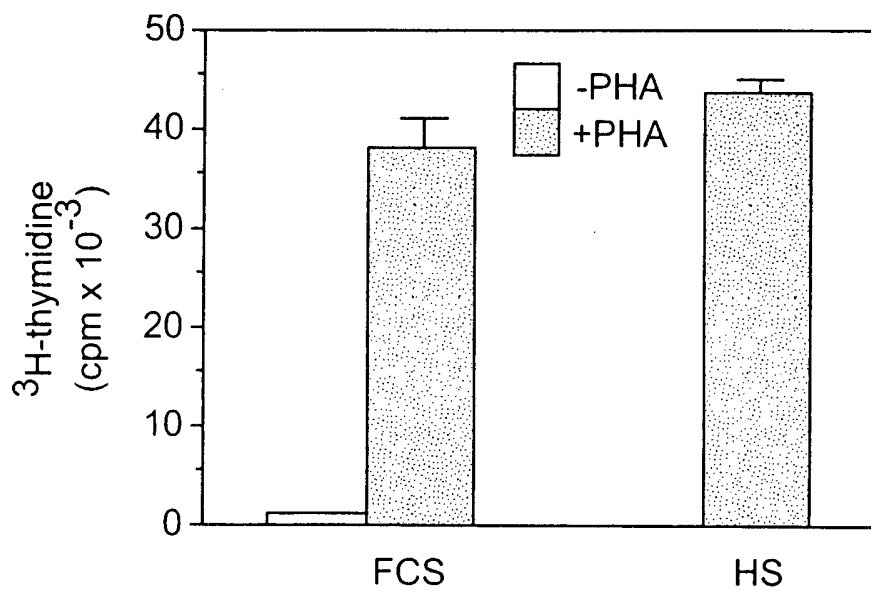
156
QKLHE

LQEKLSPLGEEMRD RARAHVDALRTHLAPYSDEL¹⁹⁴RQRLAARLEALKENG GARLA EYHA
KATEHLSTLSEKAKPALEDLRQG²⁶⁷LLPVLESFKVSFLSALEEYTKKLNTQ

485 cagaag ctgcacgagc tgcaagagaa gctgagccca ctgggcgagg agatgcgcga
541 ccgcgcgcgc gcccatgtgg acgcgctgcg cacgcatctg gcccctaca gcgacgagct
601 gcgccagcgc ttggccgcgc gccttgaggc tctcaaggag aacggcggcg ccagactggc
661 cgagtaccac gccaaggcca ccgagcatct gagcacgctc agcgagaagg ccaagcccgc
721 gctcgaggac ctccgccaag gcctgctgcc cgtgctggag agcttcaagg tcagcttcct
781 gagcgctctc gaggagtaca ctaagaagct caacacccag

09803918 081701

FIG. 1D

**FIG. 2A****FIG. 2B**

FOI b7E b7C b7D

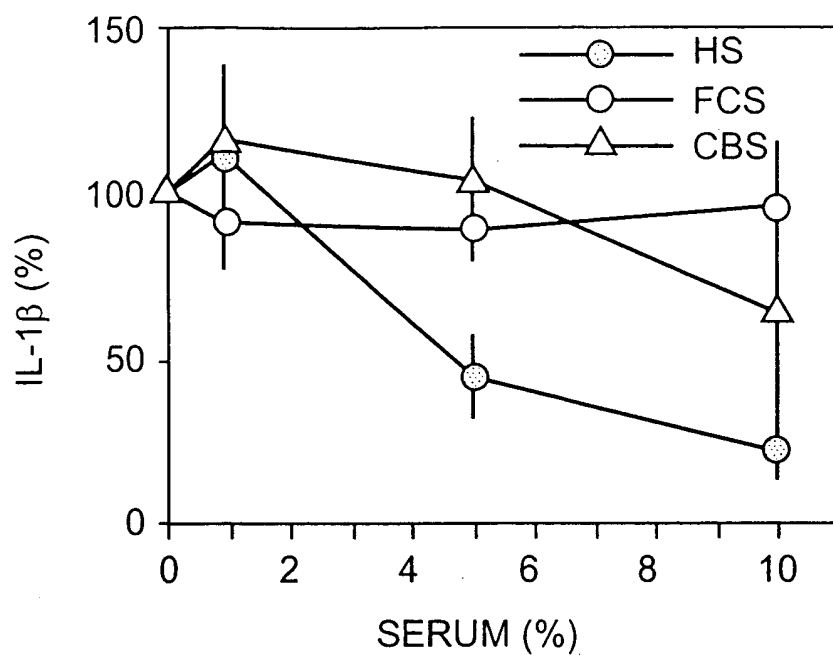


FIG. 3A

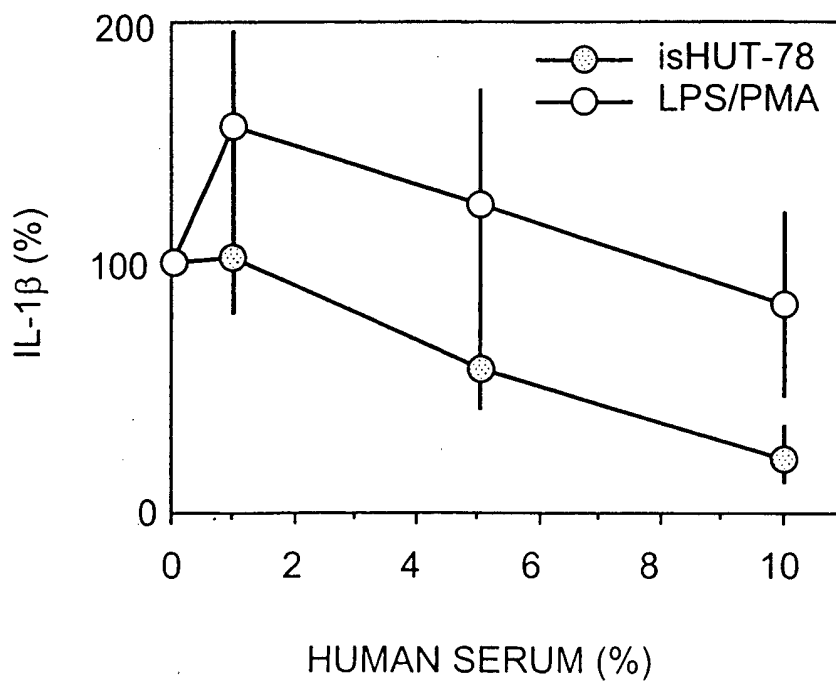
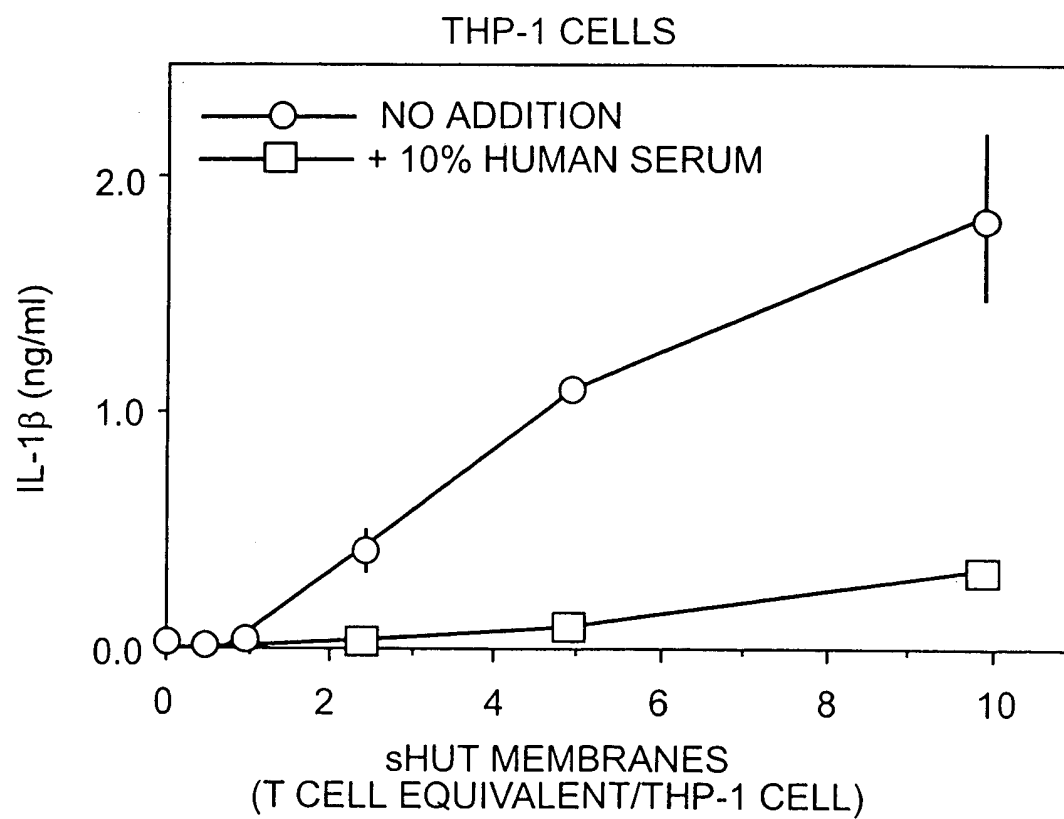
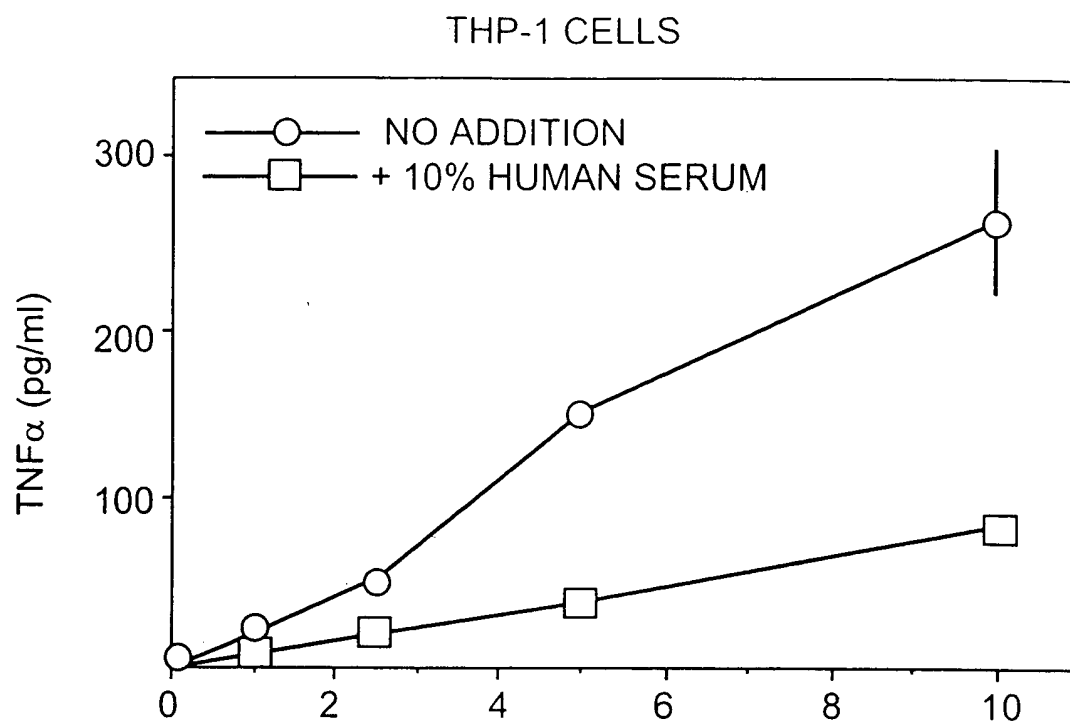
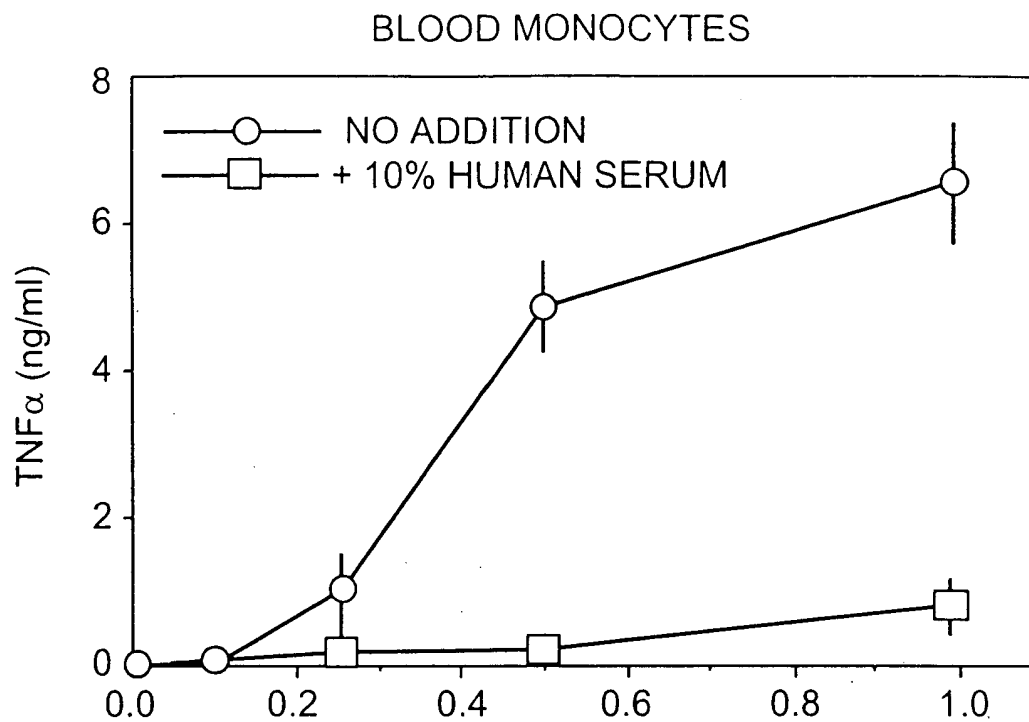
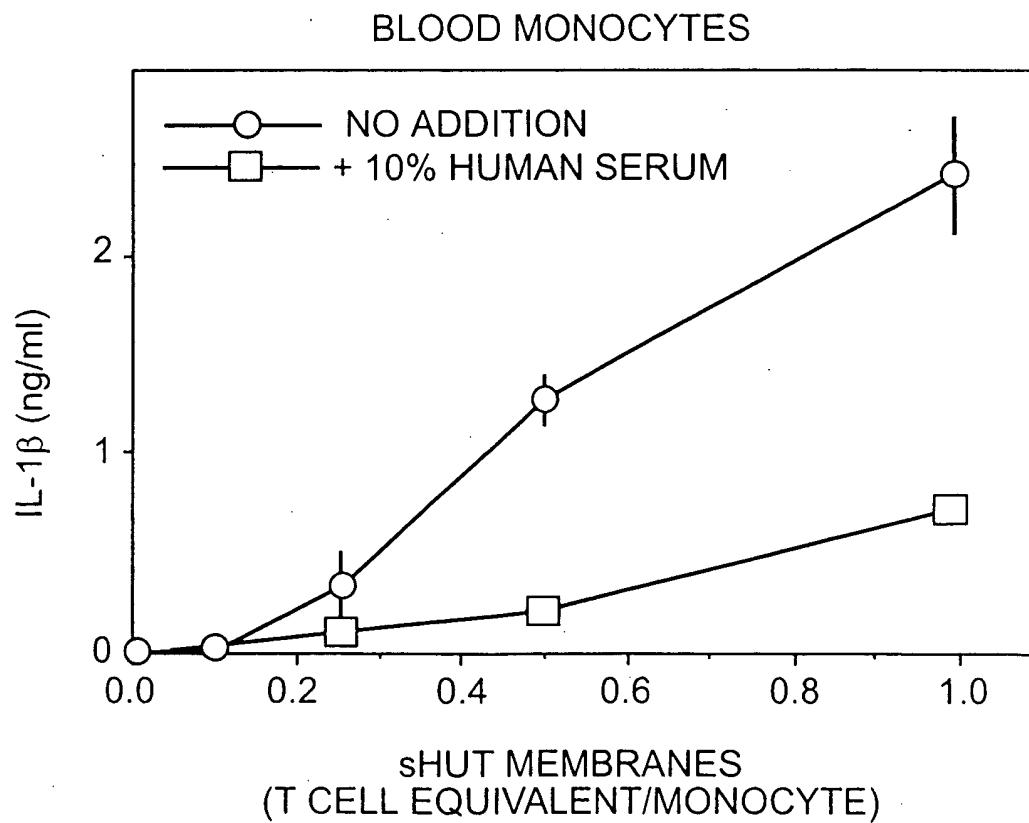


FIG. 3B



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**FIG. 3E****FIG. 3F**

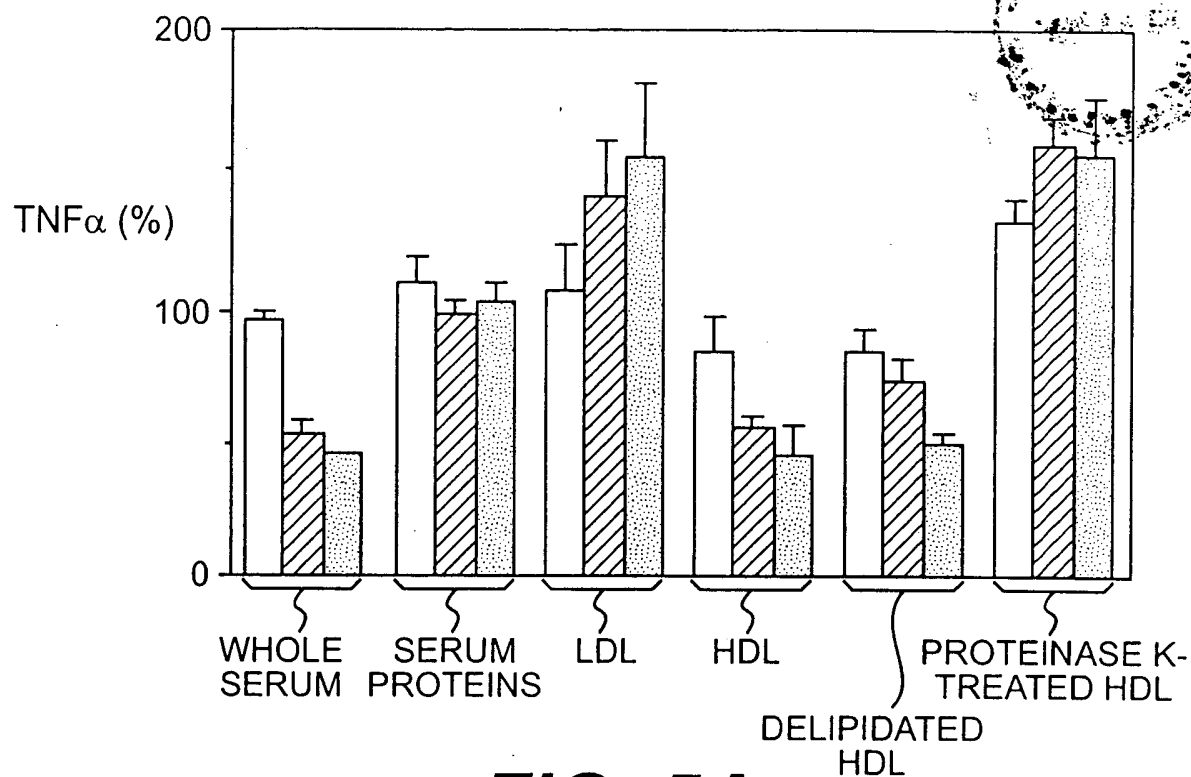


FIG. 5A

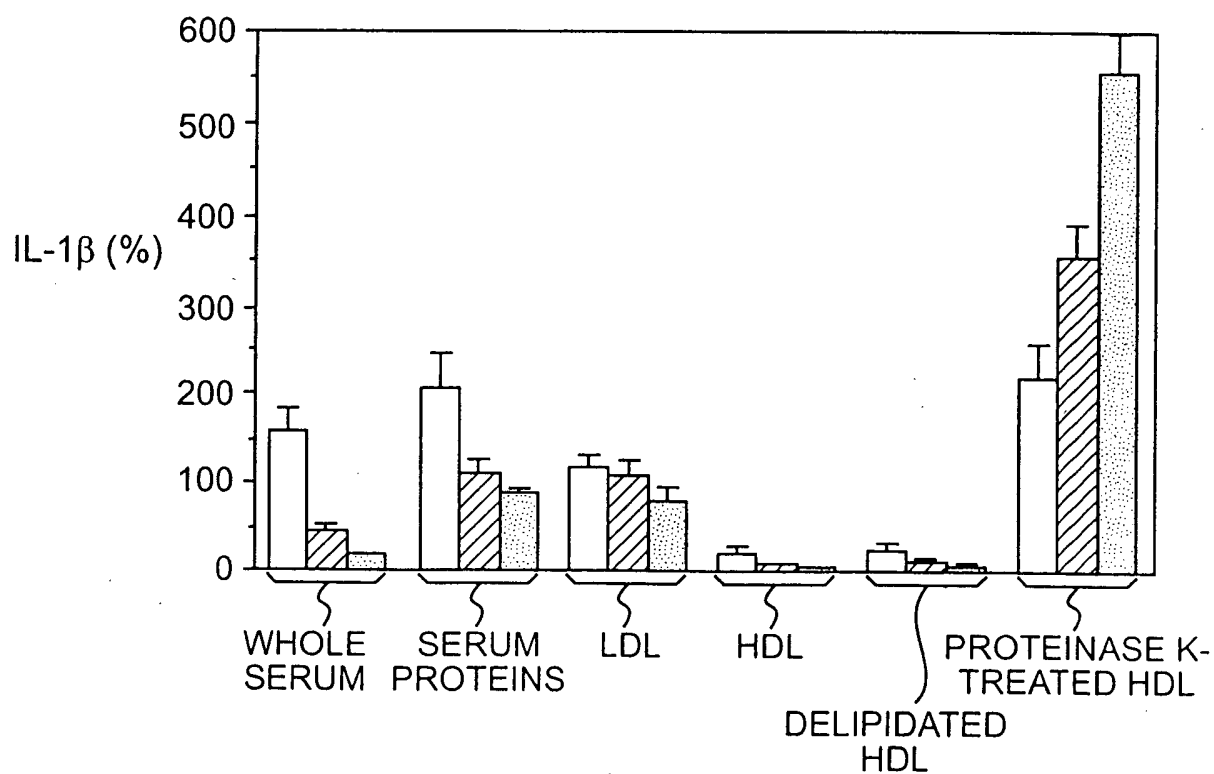


FIG. 5B

104780-8760360

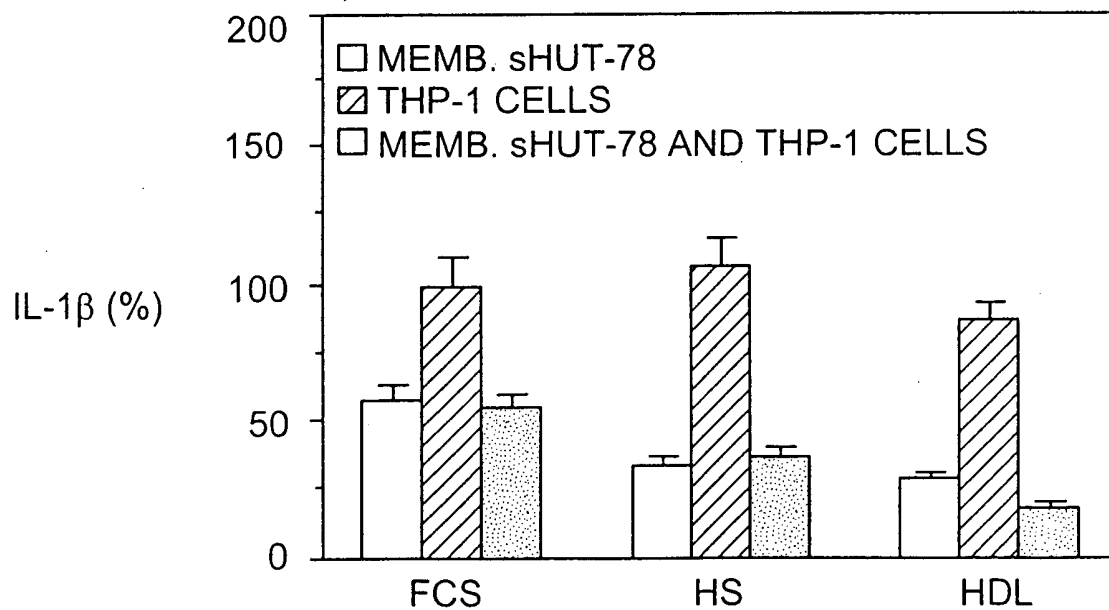
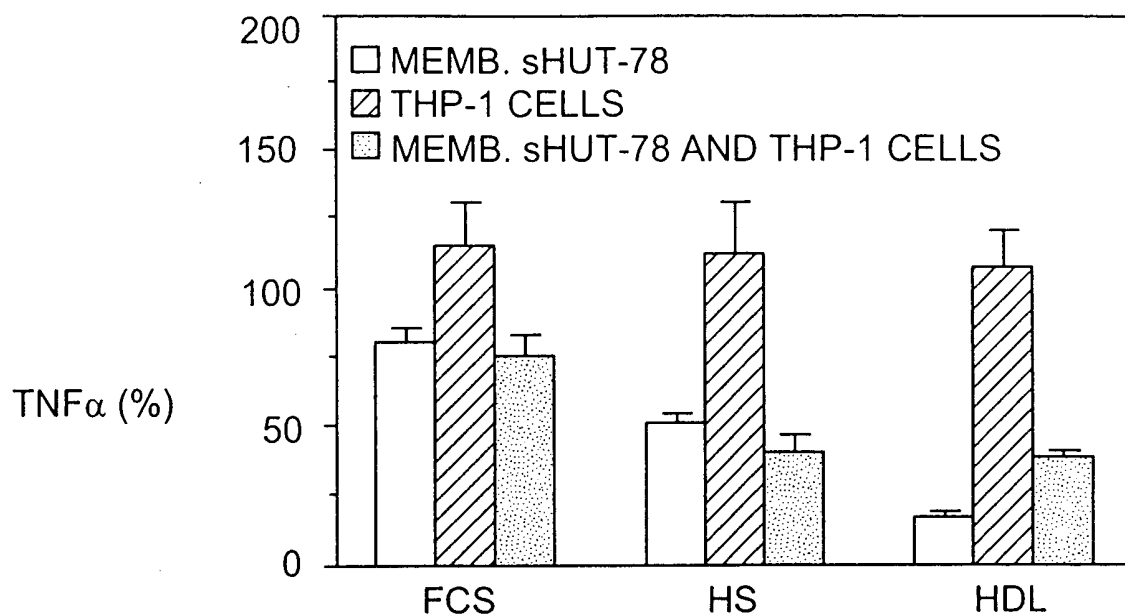
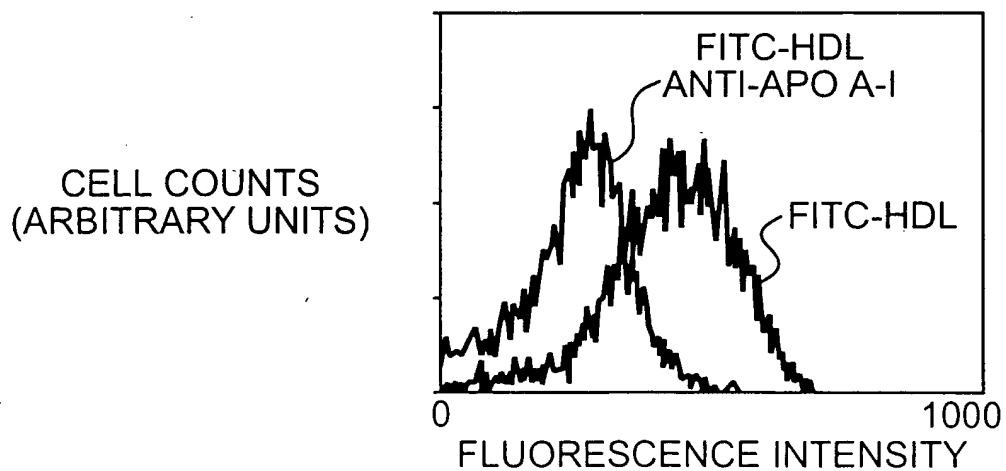
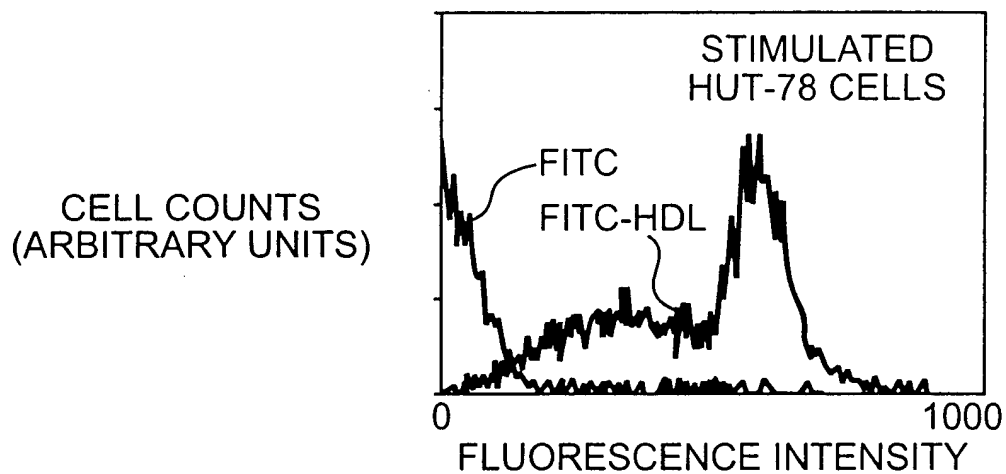


FIG. 6A



02780-8760850

CELL COUNTS
(ARBITRARY UNITS)

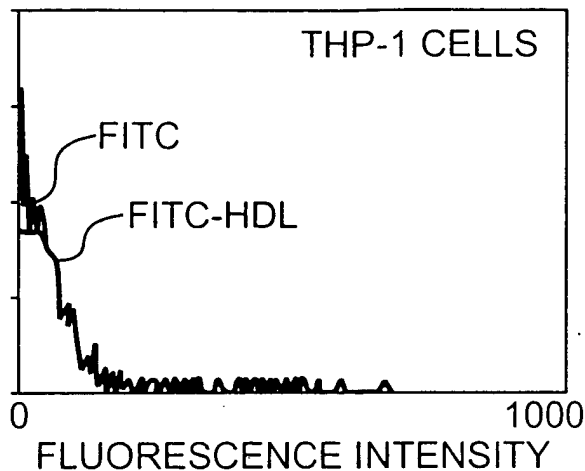


FIG. 6B

CELL COUNTS
(ARBITRARY UNITS)

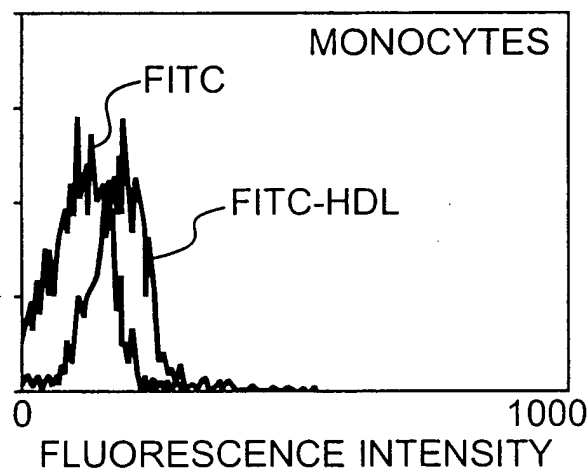


FIG. 6C

CELL COUNTS
(ARBITRARY UNITS)

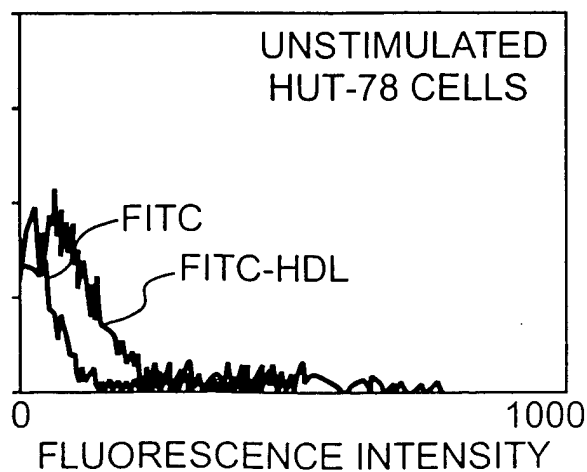


FIG. 6D

TOP SECRET 000000

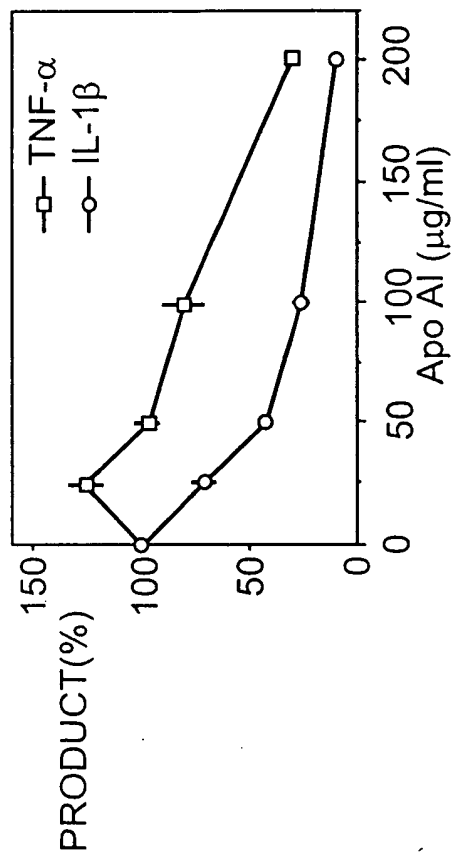


FIG. 7A

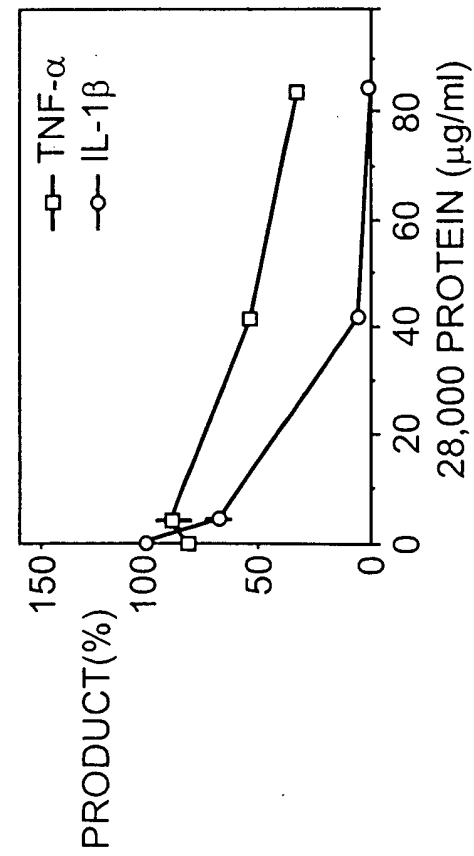


FIG. 7B

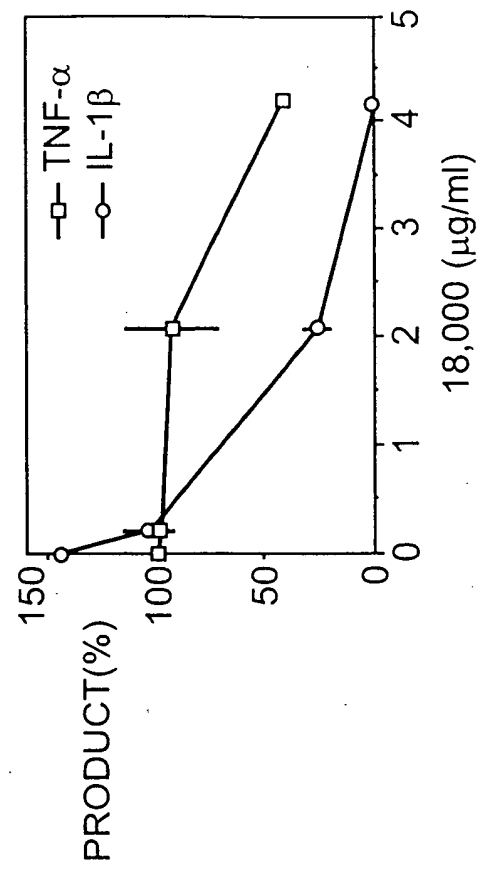


FIG. 7C

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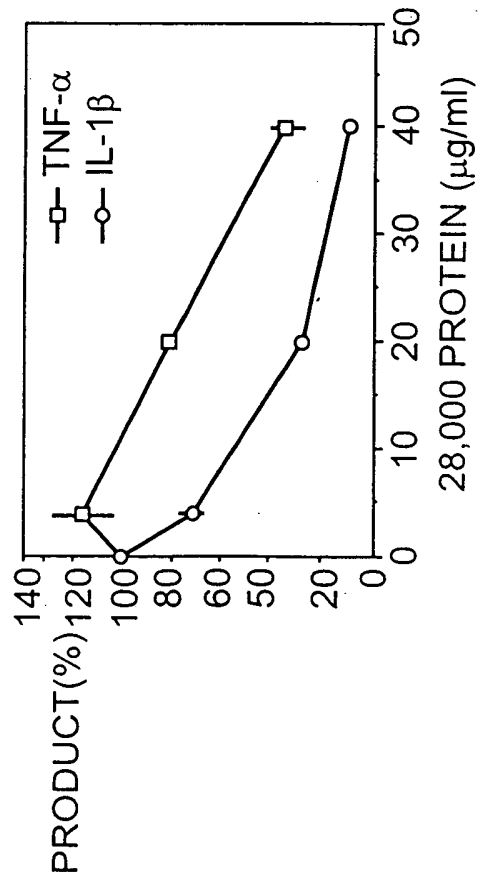


FIG. 7D

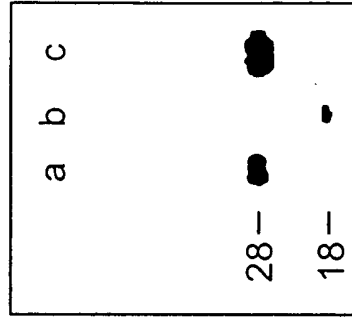


FIG. 7E

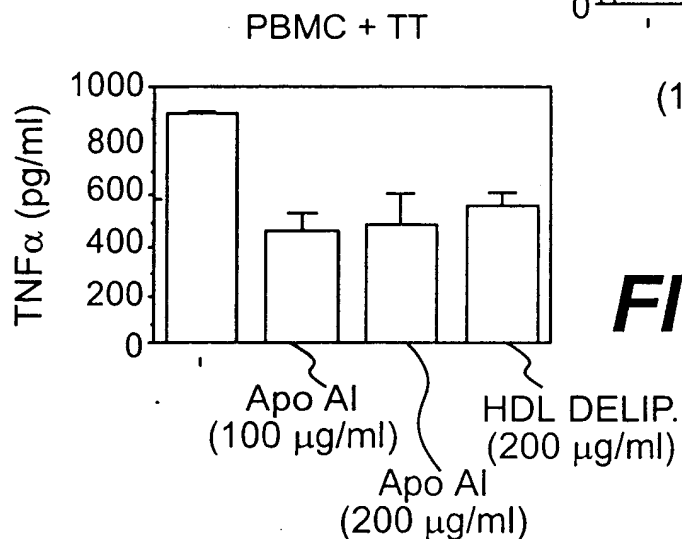
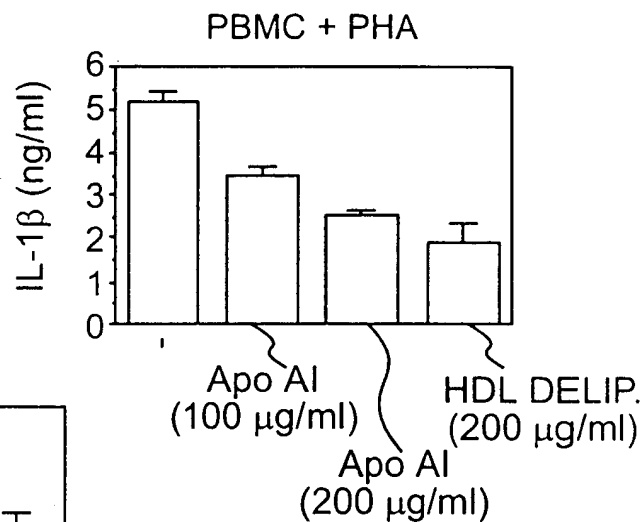
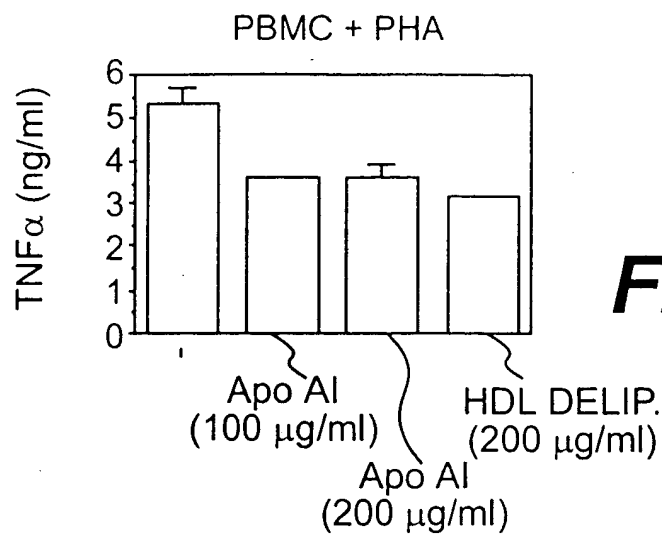


FIG. 10

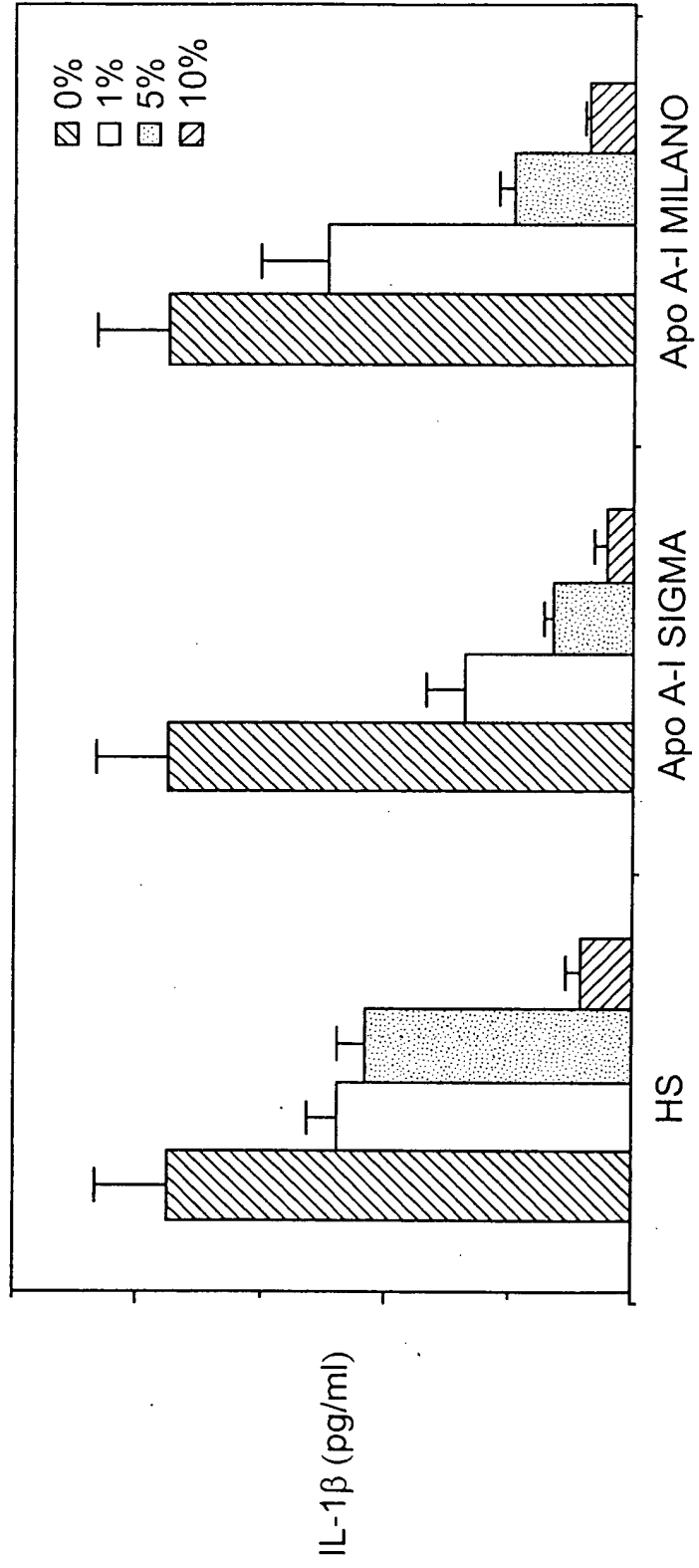


FIG. 10

FIG. 11A

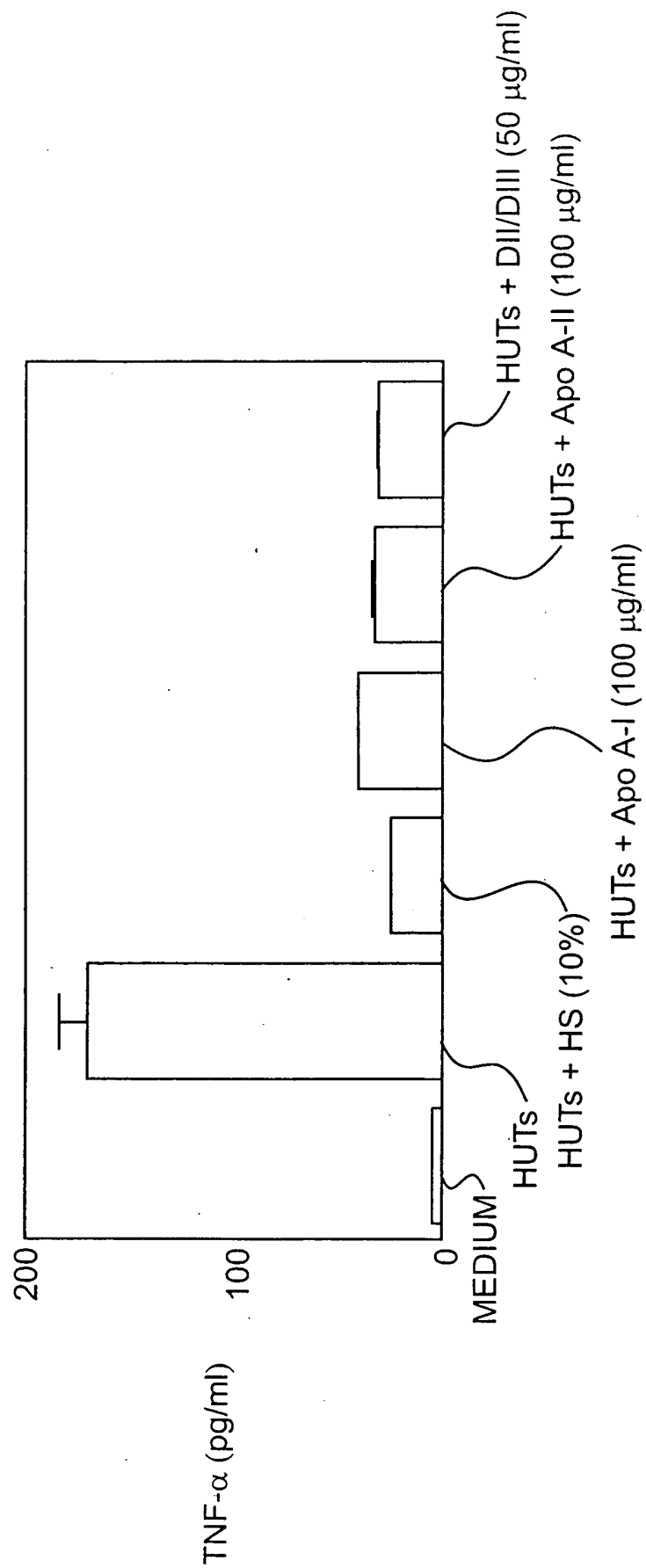
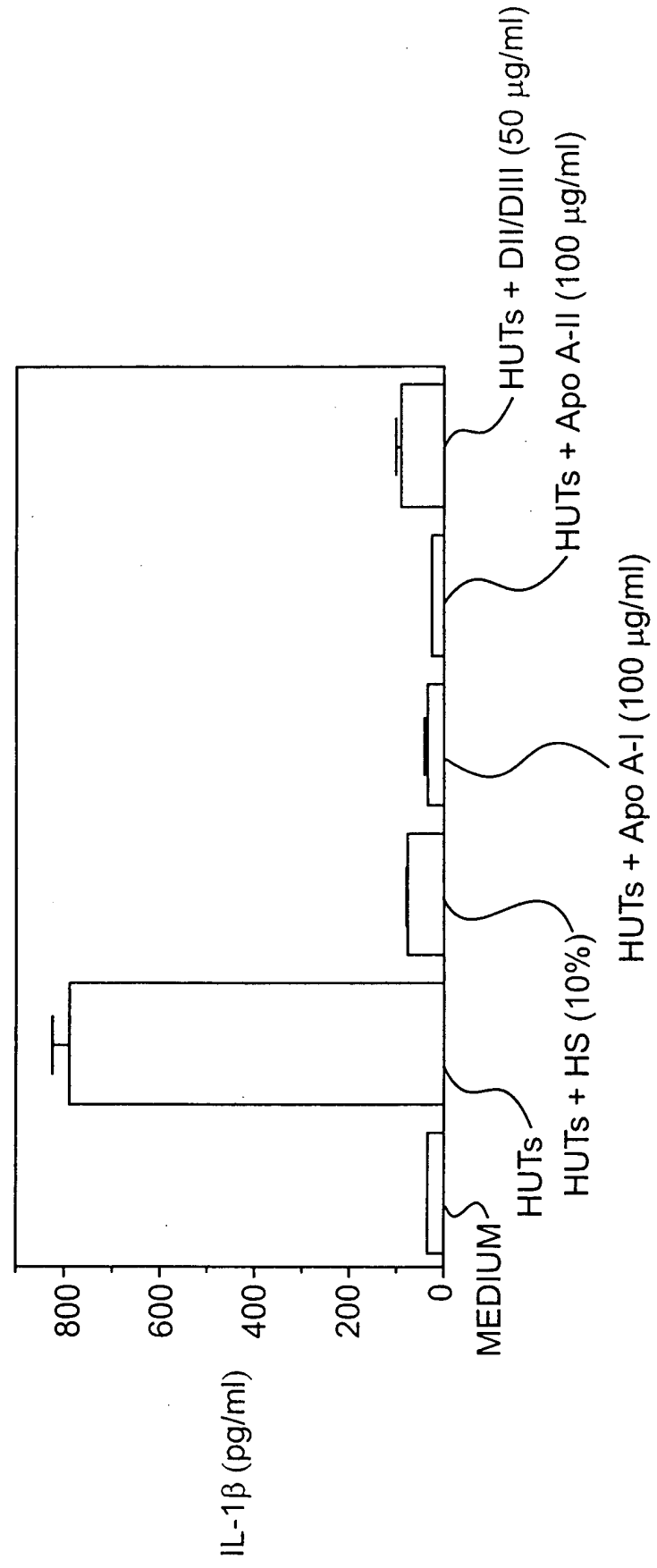


FIG. 11B



FOI b7E b7C b7D b7F b7G b7H b7I b7J b7K b7L b7M b7N b7O b7P b7Q b7R b7S b7T b7U b7V b7W b7X b7Y b7Z

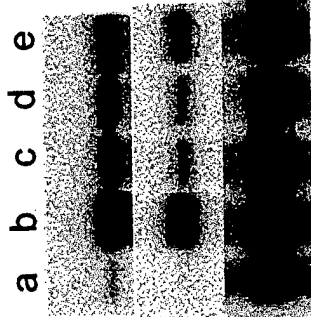
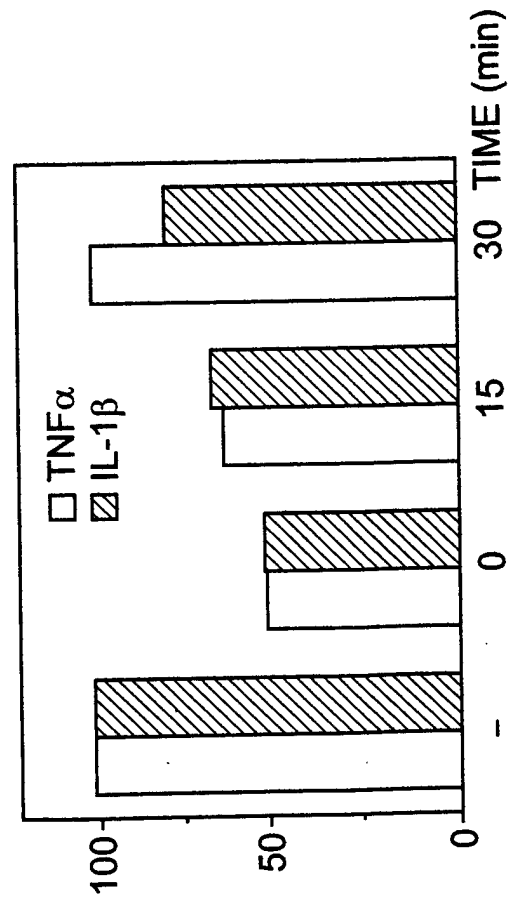


FIG. 8A

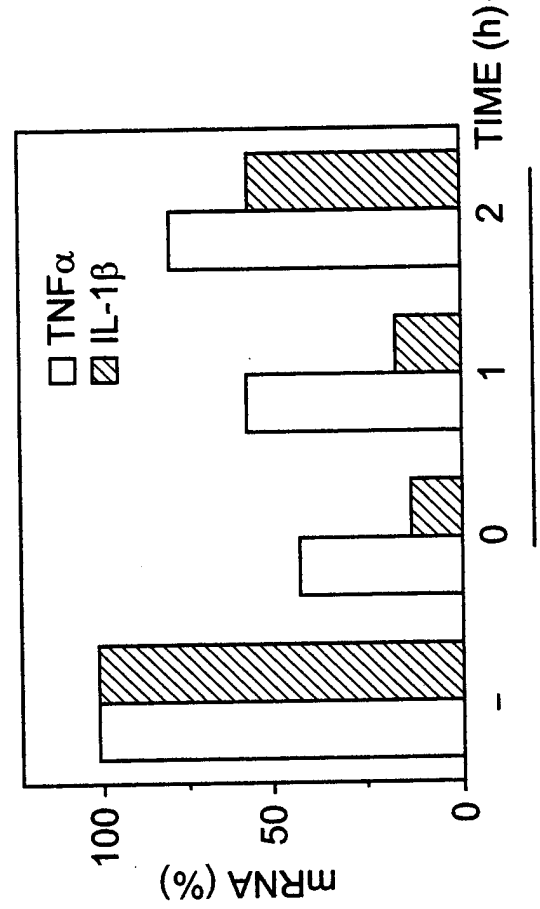


Apo A-I

FIG. 8D

TNFα
IL-1β
GAPDH

FIG. 8B



Apo A-I

FIG. 8C

0980318-08104

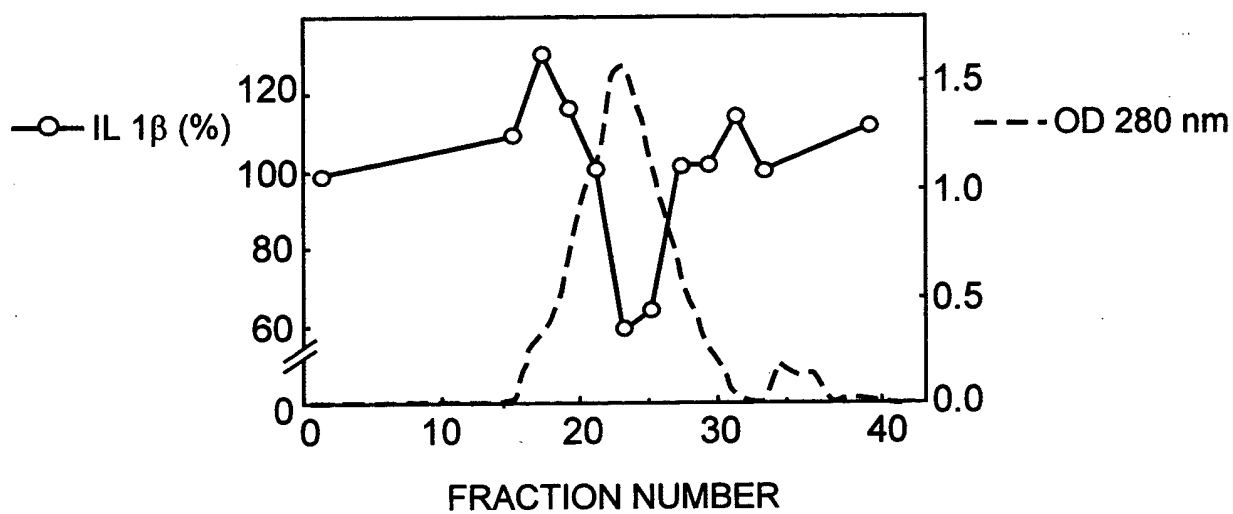


FIG. 4A

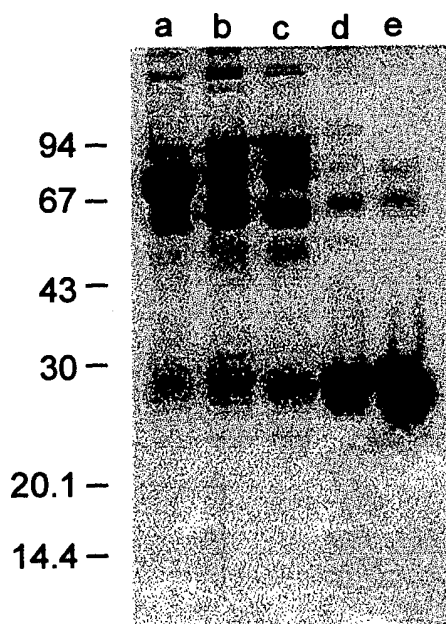


FIG. 4B